



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

OPTICAL FIBER TRANSMISSION SYSTEM WITH  
INCREASED EFFECTIVE MODAL BANDWIDTH  
TRANSMISSION

Application Number: 10/605490



Confirmation Number: 2489

First Named Applicant: Peter Hallemeier

Attorney Docket Number: OPT-008CP

Search string: ( 5416862 or 6154589 or 6185346 or 6356680  
or 6415076 or 6487338 or 6510265 or  
20020126954 or 20020191906 or  
20030011847 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents


init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	5416862	1995-05-16	Haas, et al.		385	28
<input type="checkbox"/>	2	6154589	2000-11-28	Kirk, et al.		385	29
<input type="checkbox"/>	3	6185346	2001-02-06	Asawa, et al.		385	28
<input type="checkbox"/>	4	6356680	2002-03-12	Kirk, et al.	B1	385	29
<input type="checkbox"/>	5	6415076	2002-07-02	DeCusatis		385	28
<input type="checkbox"/>	6	6487338	2002-11-26	Asawa, et al.		385	29
<input checked="" type="checkbox"/>	7	6510265	2003-01-21	Giaretta, et al.	B1	385	38

### US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	20020126954	2002-09-12	Asawa, et al.	A1	385	28
<input checked="" type="checkbox"/>	2	20020191906	2002-12-19	Price, et al.	A1	385	24
<input checked="" type="checkbox"/>	3	20030011847	2003-01-16	Dai, et al.	A1	359	161

Signature

Examiner Name	Date
	5/24/05

Omar Rojas



PTO/SB/08b (08-03)  
Approved for use through 06/30/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/605,490		
		Filing Date	10/21/2003		
		First Named Inventor	Hallemeier		
		Art Unit	Not yet assigned		
		Examiner Name	Not yet assigned		
Sheet	1	of	1	Attorney Docket Number	OPT-008CP

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JN ↓	B1	HAAS, A Mode-Filtering Scheme For Improvement Of The Bandwidth-Distance Product In Multimode Fiber Systems, Journal of Lightwave Technology, July 1993, Pgs. 1125-1131, Vol. 11, No. 7, IEEE.	
	B2	GANDHI, ET AL., Electronic Dispersion Compensation, Santel Networks, Inc., 2002.	
	B3	DONLAGIC, ET AL., Propagation Of The Fundamental Mode In Curved Graded Index Multimode Fiber And Its Application In Sensor Systems, Journal of Lightwave Technology, March 2000, Pgs. 334-342, Vol. 18, No. 3, IEEE.	
	B4	BROWN, Bandwidth And Rise Time Calculations For Digital Multimode Fiber-Optic Data Links, Journal of Lightwave Technology, May 1992, Pgs. 672-678, Vol. 10, No. 5, IEEE.	
	B5	DONLAGIC ET AL., Microbend Sensor Structure For Use In Distributed And Quasi-Distributed Sensor Systems Based On Selective Launching And Filtering Of The Modes In Graded Index Multimode Fiber, Journal of Lightwave Technology, October 1999, Pgs. 1856-1868, Vol. 17, No.	

Examiner Signature		Date Considered	5/24/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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